

not appear to have identified the Wedge-tailed and Flesh-footed Shearwaters *Puffinus pacificus* and *P. carneipes* which normally pass through Sri Lanka waters at that season, and it may be wondered whether there was some mistake.

The present record appears to be the first from Arabia. The specimen's condition and its position on the beach indicates arrival after the winter storms, in spring, at which time the strong, contrary, northeast monsoon winds of winter would have begun to decline, and when other species which breed in the southern hemisphere, such as Pale-footed Shearwater *Puffinus carneipes* and Wilson's Storm Petrel *Oceanites oceanicus*, begin to move northwards towards the cool waters of the upwelling off the Kuria Muria islands of Oman.

Adresses: P. R. Colston, British Museum (Natural History), Tring, Herts. HP23 6AP.
M. D. Gallagher, Oman Natural History Museum, P.O. Box 668, Muscat, Sultanate of Oman.

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Notes on the birds of southwestern Banks Island, Northwest Territories, Canada

by *D. T. Holyoak*

Received 30 September 1982

The southwestern area of Banks Island, (c. 72°N, 125°W) arctic Canada, was visited from 30 June to 9 August 1981 with an expedition carrying out geological research. There were frequent opportunities to make ornithological observations. Two of the bird species seen have not previously been recorded from Banks Island, 2 others are little known there and one had not previously been found nesting. This note records these, along with a list of the breeding birds found in the region around Sachs Harbour.

PINTAIL *Anas acuta*

On 1 July a female was flushed from a nest containing 5 eggs, on a tundra slope above a small marsh with a pool, c. 2 km east of Sachs Harbour. The only other record of Pintail was of 2 males and 5 females seen together near the Kellett River on 3 July.

Although there are other summer observations of Pintail on Banks Island this is the first record of breeding; the only other breeding records from the Canadian Arctic Archipelago are from southern Victoria Island (A.O.U. 1957, Godfrey 1966).

WHIMBREL *Numenius phaeopus*

On 27 July one was seen flying east along the shore west of Sachs Harbour. There are a few other breeding season records from Banks Island but no proof of breeding (Manning *et al.* 1956, Godfrey 1966).

BLACK-LEGGED KITTIWAKE *Rissa tridactyla*

On 28 July a flock of about 65 (with c. 40 adults and c. 25 first-year birds)

was seen on Cape Kellett. On 3 August a flock of c. 60 (mostly adults) was seen resting on a sand bar in the estuary of the Sachs River at Sachs Harbour. The species has not previously been recorded from Banks Island (the breeding record given in A.O.U. 1957 is apparently erroneous). However, there are breeding colonies in northern Alaska and numerous sightings from the southwestern part of the Beaufort Sea (Gabrielson & Lincoln 1959, Frame 1973, Watson & Divoky 1974, Johnson *et al.* 1975) as well as sightings within 150 miles of the North Pole (Godfrey 1966).

SABINE'S GULL *Larus sabinii*

Several sightings of single birds and groups of up to 6 were made around Sachs Harbour, Cape Kellett and Fish Lake. On 3 July a nest with 3 eggs was found in a shallow pool with emergent grasses and sedges c. 12 miles inland on a low terrace south of the Kellett River; 3 adult birds were present and 2 of them mobbed vigorously when we visited the nest. There are few other breeding records of this species from western Banks Island (Manning *et al.* 1956, Godfrey 1966).

BARN SWALLOW *Hirundo rustica*

One seen about Sachs Harbour repeatedly on 1 July; one seen along shore c. 4 miles west of Sachs Harbour on 9 July. These are the first records from Banks Island. The northern edge of the breeding range is well south of the arctic islands, but there are other records of stragglers from Cambridge Bay, Victoria Island (Godfrey 1966) and one of attempting to breed in northern Alaska (Childs & Maher 1960).

OTHER SPECIES

Other species recorded within 20 miles of Sachs Harbour (from the Kellett River south to Cape Currie) have all been reported before as breeding on Banks Island (Manning *et al.* 1956, Godfrey 1966). The full list excluding species noted above is as follows (names follow Voous 1973, 1977; breeding was confirmed for species marked*):—

*Yellow-billed Loon *Gavia adamsii*, *Arctic Loon *G. arctica*, *Red-throated Loon *G. stellata*, *Whistling Swan *Cygnus columbianus*, *Brent Goose *Branta bernicla*, *Snow Goose *Anser caerulescens*, Long-tailed Duck *Clangula hyemalis*, *Eider *Somateria mollissima*, King Eider *S. spectabilis*, *Rough-legged Buzzard *Buteo lagopus*, Gyrfalcon *Falco rusticolus*, Peregrine *F. peregrinus*, *Willow Grouse *Lagopus lagopus*, Rock Ptarmigan *L. mutus*, *Sandhill Crane *Grus canadensis*, *Semipalmated Plover *Charadrius semipalmatus*, *Lesser Golden Plover *Pluvialis dominica*, *Black-bellied Plover *P. squatarola*, Ruddy Turnstone *Arenaria interpres*, *Pectoral Sandpiper *Calidris melanotos*, *White-rumped Sandpiper *C. fuscicollis*, *Baird's Sandpiper *C. bairdii*, Sanderling *C. alba*, Grey Phalarope *Phalaropus fulicarius*, *Pomarine Jaeger *Stercorarius pomarinus*, Parasitic Jaeger *S. parasiticus*, Long-tailed Jaeger *S. longicaudus*, *Glaucous Gull *Larus hyperboreus*, Thayer's Gull *L. thayeri*, *Arctic Tern *Sterna paradisaea*, *Snowy Owl *Nyctea scandiaca*, *Horned Lark *Eremophila alpestris*, *Water Pipit *Anthus spinoletta*, Snow Bunting *Plectrophenax nivalis*, *Lapland Longspur *Calcarius lapponicus*.

Acknowledgements: My visit to Banks Island with an Expedition from the University of Reading was funded by N.E.R.C. and the Royal Society of London; the Polar Continental Shelf Project gave logistic support. Thanks are due to Dr. Peter Worsley for making many of the arrangements for this Expedition and for tolerating much extracurricular ornithology while we were there.

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Address: Dr. D. T. Holyoak, Department of Geography, University of Reading, 2 Earley Gate, Whiteknights Road, Reading RG6 2AU, England.

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Mass spring migration of European Rollers *Coracias garrulus* in eastern Tanzania

by C. J. Feare

Received 8 September 1982

It is well-known that vast numbers of European Rollers *Coracias garrulus* winter in the savannah regions of East Africa south of the Sahara (Moreau 1972). Ash & Miskell (1980) recorded a mass migration of this species in southern Somalia in spring 1979, and the observations reported here indicate that, as expected, such migration is not an isolated event. During a visit to coastal Tanzania in spring 1982 I was able to record the period over which this mass migration—the evacuation of East Africa by Palaearctic migrants—occurred.

On 22 March, large numbers of rollers were seen during a drive from Arusha to Muheza; and large numbers were present, especially in Sisal *Agave sisalana* plantations, on the following 4 days (23-26 March) in the general area between Muheza and Dar-es-Salaam. Sample counts indicated that the migrants outnumbered the indigenous Lilac-breasted Roller *C. caudata* by over 50:1, as recorded by Moreau (1972). There was no evidence of mass migration on those days.

At about 07.00 on 28 March, large numbers of European Rollers were flying northeast over Muheza. They flew high, at over 300 m, until about 10.00 when heavy rain brought them down to less than 100 m. The northeastward movement was then seen to include European Swallows *Hirundo rustica*, Striped Swallows *H. abyssinica*, a few Mosque Swallows *H. senegalensis*, White-rumped Swifts *Apus caffer* and a Peregrine *Falco peregrinus*. The species composing this migration were therefore similar to those described by Ash & Miskell (1980).

Heavy rain showers continued up to 30 March and the movement of European Rollers continued uninterrupted on 29 and 30 March; but at Tanga, on the coast, the direction of the movement was more northerly. On a journey from Muheza to Maramba on 31 March the number of European Rollers seen in Sisal plantations was much smaller than had been seen earlier